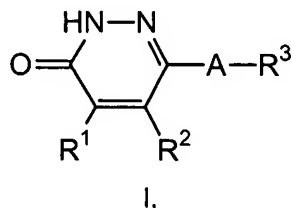


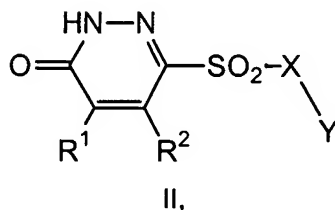
## AMENDMENTS TO THE CLAIMS

1(original). A pharmaceutical composition comprising a first compound selected from:

a compound of formula I



and a compound of formula II



or a prodrug of said first compound, or a pharmaceutically acceptable salt of said first compound or said prodrug,

wherein:

A is S, SO or SO<sub>2</sub>;

R<sup>1</sup> and R<sup>2</sup> are each independently hydrogen or methyl;

R<sup>3</sup> is Het<sup>1</sup>, -CHR<sup>4</sup>Het<sup>1</sup> or NR<sup>6</sup>R<sup>7</sup>;

R<sup>4</sup> is hydrogen or (C<sub>1</sub>-C<sub>3</sub>)alkyl;

R<sup>6</sup> is (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl or Het<sup>2</sup>;

R<sup>7</sup> is Het<sup>3</sup>;

Het<sup>1</sup> is pyridyl, pyrimidyl, pyrazinyl, pyridazinyl, quinolyl, isoquinolyl, quinazolyl, quinoxalyl, phthalazinyl, cinnolyl, naphthyridinyl, pteridinyl, pyrazinopyrazinyl, pyrazinopyridazinyl, pyrimidopyridazinyl, pyrimidopyrimidyl, pyridopyrimidyl, pyridopyrazinyl, pyridopyridazinyl, pyrrolyl, furanyl, thienyl, imidazolyl, oxazolyl, thiazolyl, pyrazolyl, isoxazolyl, isothiazolyl, triazolyl, oxadiazolyl, thiadiazolyl, tetrazolyl, indolyl, benzofuranyl, benzothienyl, benzimidazolyl, benzoxazolyl, benzothiazolyl, indazolyl, benzisoxazolyl, benzisothiazolyl, pyrrolopyridyl, furopyridyl, thienopyridyl, imidazolopyridyl, oxazolopyridyl, thiazolopyridyl, pyrazolopyridyl, isoxazolopyridyl, isothiazolopyridyl, pyrrolopyrimidyl, fuopyrimidyl, thienopyrimidyl, imidazolopyrimidyl, oxazolopyrimidyl, thiazolopyrimidyl, pyrazolopyrimidyl, isoxazolopyrimidyl, isothiazolopyrimidyl, pyrrolopyrazinyl, fuopyrazinyl, thienopyrazinyl, imidazolopyrazinyl, oxazolopyrazinyl, thiazolopyrazinyl, pyrazolopyrazinyl, isoxazolopyrazinyl, isothiazolopyrazinyl, pyrrolopyridazinyl, fuopyridazinyl, thienopyridazinyl,

imidazolopyridazinyl, oxazolopyridazinyl, thiazolopyridazinyl, pyrazolopyridazinyl, isoxazolopyridazinyl or isothiazolopyridazinyl; Het<sup>1</sup> is independently optionally substituted with up to a total of four substituents independently selected from R<sup>8</sup>, R<sup>9</sup>, R<sup>10</sup> and R<sup>11</sup>; wherein R<sup>8</sup>, R<sup>9</sup>, R<sup>10</sup> and R<sup>11</sup> are each taken separately and are each independently halo, formyl, (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl, (C<sub>1</sub>-C<sub>6</sub>)alkylenyloxycarbonyl, (C<sub>1</sub>-C<sub>4</sub>)alkoxy-(C<sub>1</sub>-C<sub>4</sub>)alkyl, C(OH)R<sup>12</sup>R<sup>13</sup>, (C<sub>1</sub>-C<sub>4</sub>)alkylcarbonylamido, (C<sub>3</sub>-C<sub>7</sub>)cycloalkylcarbonylamido, phenylcarbonylamido, phenyl, naphthyl, imidazolyl, pyridyl, triazolyl, benzimidazolyl, oxazolyl, isoxazolyl, thiazolyl, oxadiazolyl, thiadiazolyl, tetrazolyl, thienyl, benzothiazolyl, pyrrolyl, pyrazolyl, quinolyl, isoquinolyl, benzoxazolyl, pyridazinyl, pyridyloxy, pyridylsulfonyl, furanyl, phenoxy, thiophenoxy, (C<sub>1</sub>-C<sub>4</sub>)alkylsulfenyl, (C<sub>1</sub>-C<sub>4</sub>)alkylsulfonyl, (C<sub>3</sub>-C<sub>7</sub>)cycloalkyl, (C<sub>1</sub>-C<sub>4</sub>)alkyl optionally substituted with up to three fluoro or (C<sub>1</sub>-C<sub>4</sub>)alkoxy optionally substituted with up to five fluoro; said phenyl, naphthyl, imidazolyl, pyridyl, triazolyl, benzimidazolyl, oxazolyl, isoxazolyl, thiazolyl, oxadiazolyl, thiadiazolyl, tetrazolyl, thienyl, benzothiazolyl, pyrrolyl, pyrazolyl, quinolyl, isoquinolyl, benzoxazolyl, pyridazinyl, pyridyloxy, pyridylsulfonyl, furanyl, phenoxy, thiophenoxy, in the definition of R<sup>8</sup>, R<sup>9</sup>, R<sup>10</sup> and R<sup>11</sup> are optionally substituted with up to three substituents independently selected from hydroxy, halo, hydroxy-(C<sub>1</sub>-C<sub>4</sub>)alkyl, (C<sub>1</sub>-C<sub>4</sub>)alkoxy-(C<sub>1</sub>-C<sub>4</sub>)alkyl, (C<sub>1</sub>-C<sub>4</sub>)alkyl optionally substituted with up to five fluoro and (C<sub>1</sub>-C<sub>4</sub>)alkoxy optionally substituted with up to five fluoro; said imidazolyl, oxazolyl, isoxazolyl, thiazolyl and pyrazolyl in the definition of R<sup>8</sup>, R<sup>9</sup>, R<sup>10</sup> and R<sup>11</sup> are optionally substituted with up to two substituents independently selected from hydroxy, halo, C<sub>1</sub>-C<sub>4</sub>alkyl, hydroxy-(C<sub>1</sub>-C<sub>4</sub>)alkyl, (C<sub>1</sub>-C<sub>4</sub>)alkoxy-(C<sub>1</sub>-C<sub>4</sub>)alkyl, C<sub>1</sub>-C<sub>4</sub>alkyl-phenyl optionally substituted in the phenyl portion with one Cl, Br, OMe, Me or SO<sub>2</sub>-phenyl wherein said SO<sub>2</sub>-phenyl is optionally substituted in the phenyl portion with one Cl, Br, OMe, Me, (C<sub>1</sub>-C<sub>4</sub>)alkyl optionally substituted with up to five fluoro, or (C<sub>1</sub>-C<sub>4</sub>)alkoxy optionally substituted with up to three fluoro;

R<sup>12</sup> and R<sup>13</sup> are each independently hydrogen or (C<sub>1</sub>-C<sub>4</sub>)alkyl;

Het<sup>2</sup> and Het<sup>3</sup> are each independently imidazolyl, pyridyl, triazolyl, benzimidazolyl, oxazolyl, isoxazolyl, thiazolyl, oxadiazolyl, thiadiazolyl, tetrazolyl, thienyl, benzothiazolyl, pyrrolyl, pyrazolyl, quinolyl, isoquinolyl, benzoxazolyl, pyridazinyl, pyridyloxy, pyridylsulfonyl, furanyl, phenoxy, thiophenoxy; Het<sup>2</sup> and Het<sup>3</sup> are each independently optionally substituted with up to a total of four substituents independently selected from R<sup>14</sup>, R<sup>15</sup>, R<sup>16</sup> and R<sup>17</sup>, wherein R<sup>14</sup>, R<sup>15</sup>, R<sup>16</sup> and R<sup>17</sup> are each taken separately and are each independently halo, formyl, (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl, (C<sub>1</sub>-C<sub>6</sub>)alkylenyloxycarbonyl, (C<sub>1</sub>-C<sub>4</sub>)alkoxy-(C<sub>1</sub>-C<sub>4</sub>)alkyl, C(OH)R<sup>18</sup>R<sup>19</sup>, (C<sub>1</sub>-C<sub>4</sub>)alkylcarbonylamido, (C<sub>3</sub>-C<sub>7</sub>)cycloalkylcarbonylamido, phenylcarbonylamido, phenyl,

naphthyl, imidazolyl, pyridyl, triazolyl, benzimidazolyl, oxazolyl, isoxazolyl, thiazolyl, oxadiazolyl, thiadiazolyl, tetrazolyl, thienyl, benzothiazolyl, pyrrolyl, pyrazolyl, quinolyl, isoquinolyl, benzoxazolyl, pyridazinyl, pyridyloxy, pyridylsulfonyl, furanyl, phenoxy, thiophenoxy, (C<sub>1</sub>-C<sub>4</sub>)alkylsulfenyl, (C<sub>1</sub>-C<sub>4</sub>)alkylsulfonyl, (C<sub>3</sub>-C<sub>7</sub>)cycloalkyl, (C<sub>1</sub>-C<sub>4</sub>)alkyl optionally substituted with up to three fluoro or (C<sub>1</sub>-C<sub>4</sub>)alkoxy optionally substituted with up to five fluoro; said phenyl, naphthyl, imidazolyl, pyridyl, triazolyl, benzimidazolyl, oxazolyl, isoxazolyl, thiazolyl, oxadiazolyl, thiadiazolyl, tetrazolyl, thienyl, benzothiazolyl, pyrrolyl, pyrazolyl, quinolyl, isoquinolyl, benzoxazolyl, pyridazinyl, pyridyloxy, pyridylsulfonyl, furanyl, phenoxy, thiophenoxy, in the definition of R<sup>14</sup>, R<sup>15</sup>, R<sup>16</sup> and R<sup>17</sup> are optionally substituted with up to three substituents independently selected from hydroxy, halo, hydroxy-(C<sub>1</sub>-C<sub>4</sub>)alkyl, (C<sub>1</sub>-C<sub>4</sub>)alkoxy-(C<sub>1</sub>-C<sub>4</sub>)alkyl, (C<sub>1</sub>-C<sub>4</sub>)alkyl optionally substituted with up to five fluoro and (C<sub>1</sub>-C<sub>4</sub>)alkoxy optionally substituted with up to five fluoro; said imidazolyl, oxazolyl, isoxazolyl, thiazolyl and pyrazolyl in the definition of R<sup>14</sup>, R<sup>15</sup>, R<sup>16</sup> and R<sup>17</sup> are optionally substituted with up to two substituents independently selected from hydroxy, halo, hydroxy-(C<sub>1</sub>-C<sub>4</sub>)alkyl, (C<sub>1</sub>-C<sub>4</sub>)alkoxy-(C<sub>1</sub>-C<sub>4</sub>)alkyl, (C<sub>1</sub>-C<sub>4</sub>)alkyl optionally substituted with up to five fluoro and (C<sub>1</sub>-C<sub>4</sub>)alkoxy optionally substituted with up to three fluoro; and R<sup>18</sup> and R<sup>19</sup> are each independently hydrogen or (C<sub>1</sub>-C<sub>4</sub>)alkyl;

X and Y together are CH<sub>2</sub>-CH(OH)-Ar or CH<sub>2</sub>-C(O)-Ar, or

X is a covalent bond, NR<sup>20</sup> or CHR<sup>21</sup>, wherein, R<sup>20</sup> is (C<sub>1</sub>-C<sub>3</sub>)alkyl or a phenyl that is optionally substituted with one or more substituents selected from OH, F, Cl, Br, I, CN, CF<sub>3</sub>, (C<sub>1</sub>-C<sub>6</sub>)alkyl, O-(C<sub>1</sub>-C<sub>6</sub>)alkyl, S(O)<sub>n</sub>-(C<sub>1</sub>-C<sub>6</sub>)alkyl and SO<sub>2</sub>—NR<sup>22</sup>R<sup>23</sup>, and R<sup>21</sup> is hydrogen or methyl, and

Y is a phenyl or naphthyl ring optionally substituted with one or more substituents selected from Ar, OH, F, Cl, Br, I, CN, CF<sub>3</sub>, (C<sub>1</sub>-C<sub>6</sub>)alkyl, O-(C<sub>1</sub>-C<sub>6</sub>)alkyl, S(O)<sub>n</sub>-(C<sub>1</sub>-C<sub>6</sub>)alkyl and SO<sub>2</sub>—NR<sup>22</sup>R<sup>23</sup>;

Ar is a phenyl or naphthyl ring optionally substituted with one or more substituents selected from F, Cl, Br, I, CN, CF<sub>3</sub>, (C<sub>1</sub>-C<sub>6</sub>)alkyl, O-(C<sub>1</sub>-C<sub>6</sub>)alkyl, S(O)<sub>n</sub>-(C<sub>1</sub>-C<sub>6</sub>)alkyl and SO<sub>2</sub>—NR<sup>22</sup>R<sup>23</sup>;

n is independently for each occurrence 0, 1 or 2;

R<sup>22</sup> is independently for each occurrence H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, phenyl or naphthyl;

and

R<sup>23</sup> is independently for each occurrence (C<sub>1</sub>-C<sub>6</sub>)alkyl, phenyl or naphthyl,

provided that when R<sup>3</sup> is NR<sup>6</sup>R<sup>7</sup>, then A is SO<sub>2</sub>; and

a second compound that is a cyclooxygenase-2 inhibitor, a prodrug of said second compound or a pharmaceutically acceptable salt of said second compound or said prodrug.

2(original). A composition of claim 1 wherein said first compound is a compound of formula I, wherein A is SO<sub>2</sub>; R<sup>1</sup> and R<sup>2</sup> are each hydrogen; R<sup>3</sup> is Het<sup>1</sup>, wherein Het<sup>1</sup> is 5H-furo-[3,2c]pyridin-4-one-2-yl, furano[2,3b]pyridin-2-yl, thieno[2,3b]pyridin-2-yl, indol-2-yl, indol-3-yl, benzofuran-2-yl, benzothien-2-yl, imidazo[1,2a]pyridin-3-yl, pyrrol-1-yl, imidazol-1-yl, indazol-1-yl, tetrahydroquinol-1-yl or tetrahydroindol-1-yl, wherein said Het<sup>1</sup> is optionally independently substituted with up to a total of two substituents each independently selected from fluoro, chloro, bromo, (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>1</sub>-C<sub>6</sub>)alkoxy, trifluoromethyl, hydroxy, benzyl or phenyl; said benzyl and phenyl are each optionally independently substituted with up to three halo, (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>1</sub>-C<sub>6</sub>)alkoxy, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfenyl, trifluoromethyl or hydroxy, or a prodrug thereof or a pharmaceutically acceptable salt of said compound or prodrug.

3(original). A composition of claim 2 wherein Het<sup>1</sup> is indol-2-yl, benzofuran-2-yl, benzothiophen-2-yl, furano[2,3b]pyridin-2-yl, thieno[2,3b]pyridin-2-yl or imidazo[1,2a]pyridin-4-yl, wherein said Het<sup>1</sup> is optionally independently substituted with up to a total of two substituents independently selected from fluoro, chloro, bromo, (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>1</sub>-C<sub>6</sub>)alkoxy, trifluoromethyl and phenyl; said phenyl being optionally substituted with up to two substituents independently selected from fluoro, chloro and (C<sub>1</sub>-C<sub>6</sub>)alkyl.

4(original). A composition of claim 1 wherein said first compound is selected from: 6-(3-trifluoromethyl-benzenesulfonyl)-2H-pyridazin-3-one;

6-(4-bromo-2-fluoro-benzenesulfonyl)-2H-pyridazin-3-one;

6-(4-trifluoromethyl-benzenesulfonyl)-2H-pyridazin-3-one;

6-(2-bromo-benzenesulfonyl)-2H-pyridazin-3-one;

6-(3,4-dichloro-benzenesulfonyl)-2H-pyridazin-3-one;

6-(4-methoxy-benzenesulfonyl)-2H-pyridazin-3-one;

6-(3-bromo-benzenesulfonyl)-2H-pyridazin-3-one;

6-(biphenyl-4-sulfonyl)-2H-pyridazin-3-one;

6-(4'-fluoro-biphenyl-4-sulfonyl)-2H-pyridazin-3-one;

6-(4'-trifluoromethyl-biphenyl-4-sulfonyl)-2H-pyridazin-3-one;

6-(3',5'-bis-trifluoromethyl-biphenyl-4-sulfonyl)-2H-pyridazin-3-one;

6-(biphenyl-2-sulfonyl)-2H-pyridazin-3-one;

6-(4'-trifluoromethyl-biphenyl-2-sulfonyl)-2H-pyridazin-3-one;

6-(2-hydroxy-benzenesulfonyl)-2H-pyridazin-3-one;  
6-(2-chloro-benzenesulfonyl)-2H-pyridazin-3-one;  
6-(3-chloro-benzenesulfonyl)-2H-pyridazin-3-one;  
6-(2,3-dichloro-benzenesulfonyl)-2H-pyridazin-3-one;  
6-(2,5-dichloro-benzenesulfonyl)-2H-pyridazin-3-one;  
6-(4-fluoro-benzenesulfonyl)-2H-pyridazin-3-one;  
6-(4-chloro-benzenesulfonyl)-2H-pyridazin-3-one;  
6-(2-fluoro-benzenesulfonyl)-2H-pyridazin-3-one;  
6-(2,3-difluoro-benzenesulfonyl)-2H-pyridazin-3-one;  
6-(2,4-dichloro-benzenesulfonyl)-2H-pyridazin-3-one;  
6-(2,4-difluoro-benzenesulfonyl)-2H-pyridazin-3-one;  
6-(2,6-dichloro-benzenesulfonyl)-2H-pyridazin-3-one;  
6-(2-chloro-4-fluoro-benzenesulfonyl)-2H-pyridazin-3-one;  
6-(2-bromo-4-fluoro-benzenesulfonyl)-2H-pyridazin-3-one; and  
6-(naphthalene-1-sulfonyl)-2H-pyridazin-3-one,

or a prodrug thereof or a pharmaceutically acceptable salt of said compound or said prodrug.

5(original). A composition of claim 1 wherein said second compound is selected from celecoxib, rofecoxib and etoricoxib or a prodrug thereof or a pharmaceutically acceptable salt of said compound or said prodrug.

6(original). A pharmaceutical composition of claim 1 wherein said first compound is in an aldose reductase inhibiting amount.

7(original). A pharmaceutical composition of claim 1 wherein said second compound is present in a cyclooxygenase-2 inhibiting amount.

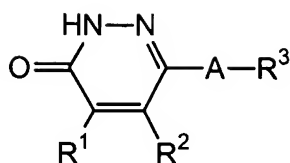
8(original). A pharmaceutical composition of claim 6 wherein said second compound is present in a cyclooxygenase-2 inhibiting amount.

9(original). A pharmaceutical composition of claim 1 further comprising a vehicle, diluent or carrier.

10-19(cancelled).

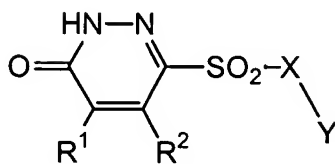
20(original). A therapeutic method comprising administering to a mammal in need of treatment or prevention of cardiac tissue ischemia a first compound selected from:

a compound of formula I



I,

and a compound of formula II



II,

or a prodrug of said first compound, or a pharmaceutically acceptable salt of said first compound or said prodrug,

wherein:

A is S, SO or SO<sub>2</sub>;

R<sup>1</sup> and R<sup>2</sup> are each independently hydrogen or methyl;

R<sup>3</sup> is Het<sup>1</sup>, -CHR<sup>4</sup>Het<sup>1</sup> or NR<sup>6</sup>R<sup>7</sup>;

R<sup>4</sup> is hydrogen or (C<sub>1</sub>-C<sub>3</sub>)alkyl;

R<sup>6</sup> is (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl or Het<sup>2</sup>;

R<sup>7</sup> is Het<sup>3</sup>;

Het<sup>1</sup> is pyridyl, pyrimidyl, pyrazinyl, pyridazinyl, quinolyl, isoquinolyl, quinazolyl, quinoxalyl, phthalazinyl, cinnolyl, naphthyridinyl, pteridinyl, pyrazinopyrazinyl, pyrazinopyridazinyl, pyrimidopyridazinyl, pyrimidopyrimidyl, pyridopyrimidyl, pyridopyrazinyl, pyridopyridazinyl, pyrrolyl, furanyl, thienyl, imidazolyl, oxazolyl, thiazolyl, pyrazolyl, isoxazolyl, isothiazolyl, triazolyl, oxadiazolyl, thiadiazolyl, tetrazolyl, indolyl, benzofuranyl, benzothienyl, benzimidazolyl, benzoxazolyl, benzothiazolyl, indazolyl, benzisoxazolyl, benzisothiazolyl, pyrrolopyridyl, furopyridyl, thienopyridyl, imidazolopyridyl, oxazolopyridyl, thiazolopyridyl, pyrazolopyridyl, isoxazolopyridyl, isothiazolopyridyl, pyrrolopyrimidyl, furopyrimidyl, thienopyrimidyl, imidazolopyrimidyl, oxazolopyrimidyl, thiazolopyrimidyl, pyrazolopyrimidyl, isoxazolopyrimidyl, isothiazolopyrimidyl, pyrrolopyrazinyl, furopyrazinyl, thienopyrazinyl, imidazolopyrazinyl, oxazolopyrazinyl, thiazolopyrazinyl, pyrazolopyrazinyl, isoxazolopyrazinyl, isothiazolopyrazinyl, pyrrolopyridazinyl, furopyridazinyl, thienopyridazinyl, imidazolopyridazinyl, oxazolopyridazinyl, thiazolopyridazinyl, pyrazolopyridazinyl, isoxazolopyridazinyl or isothiazolopyridazinyl; Het<sup>1</sup> is independently optionally substituted with up to a total of four substituents independently selected from R<sup>8</sup>, R<sup>9</sup>, R<sup>10</sup> and R<sup>11</sup>; wherein R<sup>8</sup>, R<sup>9</sup>, R<sup>10</sup> and R<sup>11</sup> are each taken separately and are each independently halo, formyl, (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl, (C<sub>1</sub>-C<sub>6</sub>)alkylenyloxycarbonyl, (C<sub>1</sub>-

C<sub>4</sub>)alkoxy-(C<sub>1</sub>-C<sub>4</sub>)alkyl, C(OH)R<sup>12</sup>R<sup>13</sup>, (C<sub>1</sub>-C<sub>4</sub>)alkylcarbonylamido, (C<sub>3</sub>-C<sub>7</sub>)cycloalkylcarbonylamido, phenylcarbonylamido, phenyl, naphthyl, imidazolyl, pyridyl, triazolyl, benzimidazolyl, oxazolyl, isoxazolyl, thiazolyl, oxadiazolyl, thiadiazolyl, tetrazolyl, thienyl, benzothiazolyl, pyrrolyl, pyrazolyl, quinolyl, isoquinolyl, benzoxazolyl, pyridazinyl, pyridyloxy, pyridylsulfonyl, furanyl, phenoxy, thiophenoxy, (C<sub>1</sub>-C<sub>4</sub>)alkylsulfenyl, (C<sub>1</sub>-C<sub>4</sub>)alkylsulfonyl, (C<sub>3</sub>-C<sub>7</sub>)cycloalkyl, (C<sub>1</sub>-C<sub>4</sub>)alkyl optionally substituted with up to three fluoro or (C<sub>1</sub>-C<sub>4</sub>)alkoxy optionally substituted with up to five fluoro; said phenyl, naphthyl, imidazolyl, pyridyl, triazolyl, benzimidazolyl, oxazolyl, isoxazolyl, thiazolyl, oxadiazolyl, thiadiazolyl, tetrazolyl, thienyl, benzothiazolyl, pyrrolyl, pyrazolyl, quinolyl, isoquinolyl, benzoxazolyl, pyridazinyl, pyridyloxy, pyridylsulfonyl, furanyl, phenoxy, thiophenoxy, in the definition of R<sup>8</sup>, R<sup>9</sup>, R<sup>10</sup> and R<sup>11</sup> are optionally substituted with up to three substituents independently selected from hydroxy, halo, hydroxy-(C<sub>1</sub>-C<sub>4</sub>)alkyl, (C<sub>1</sub>-C<sub>4</sub>)alkoxy-(C<sub>1</sub>-C<sub>4</sub>)alkyl, (C<sub>1</sub>-C<sub>4</sub>)alkyl optionally substituted with up to five fluoro and (C<sub>1</sub>-C<sub>4</sub>)alkoxy optionally substituted with up to five fluoro; said imidazolyl, oxazolyl, isoxazolyl, thiazolyl and pyrazolyl in the definition of R<sup>8</sup>, R<sup>9</sup>, R<sup>10</sup> and R<sup>11</sup> are optionally substituted with up to two substituents independently selected from hydroxy, halo, C<sub>1</sub>-C<sub>4</sub>)alkyl, hydroxy-(C<sub>1</sub>-C<sub>4</sub>)alkyl, (C<sub>1</sub>-C<sub>4</sub>)alkoxy-(C<sub>1</sub>-C<sub>4</sub>)alkyl, C<sub>1</sub>-C<sub>4</sub>)alkyl-phenyl optionally substituted in the phenyl portion with one Cl, Br, OMe, Me or SO<sub>2</sub>-phenyl wherein said SO<sub>2</sub>-phenyl is optionally substituted in the phenyl portion with one Cl, Br, OMe, Me, (C<sub>1</sub>-C<sub>4</sub>)alkyl optionally substituted with up to five fluoro, or (C<sub>1</sub>-C<sub>4</sub>)alkoxy optionally substituted with up to three fluoro;

R<sup>12</sup> and R<sup>13</sup> are each independently hydrogen or (C<sub>1</sub>-C<sub>4</sub>)alkyl;

Het<sup>2</sup> and Het<sup>3</sup> are each independently imidazolyl, pyridyl, triazolyl, benzimidazolyl, oxazolyl, isoxazolyl, thiazolyl, oxadiazolyl, thiadiazolyl, tetrazolyl, thienyl, benzothiazolyl, pyrrolyl, pyrazolyl, quinolyl, isoquinolyl, benzoxazolyl, pyridazinyl, pyridyloxy, pyridylsulfonyl, furanyl, phenoxy, thiophenoxy; Het<sup>2</sup> and Het<sup>3</sup> are each independently optionally substituted with up to a total of four substituents independently selected from R<sup>14</sup>, R<sup>15</sup>, R<sup>16</sup> and R<sup>17</sup>, wherein R<sup>14</sup>, R<sup>15</sup>, R<sup>16</sup> and R<sup>17</sup> are each taken separately and are each independently halo, formyl, (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl, (C<sub>1</sub>-C<sub>6</sub>)alkylenyloxycarbonyl, (C<sub>1</sub>-C<sub>4</sub>)alkoxy-(C<sub>1</sub>-C<sub>4</sub>)alkyl, C(OH)R<sup>18</sup>R<sup>19</sup>, (C<sub>1</sub>-C<sub>4</sub>)alkylcarbonylamido, (C<sub>3</sub>-C<sub>7</sub>)cycloalkylcarbonylamido, phenylcarbonylamido, phenyl, naphthyl, imidazolyl, pyridyl, triazolyl, benzimidazolyl, oxazolyl, isoxazolyl, thiazolyl, oxadiazolyl, thiadiazolyl, tetrazolyl, thienyl, benzothiazolyl, pyrrolyl, pyrazolyl, quinolyl, isoquinolyl, benzoxazolyl, pyridazinyl, pyridyloxy, pyridylsulfonyl, furanyl, phenoxy, thiophenoxy, (C<sub>1</sub>-C<sub>4</sub>)alkylsulfenyl, (C<sub>1</sub>-C<sub>4</sub>)alkylsulfonyl, (C<sub>3</sub>-C<sub>7</sub>)cycloalkyl, (C<sub>1</sub>-C<sub>4</sub>)alkyl optionally substituted with up to three fluoro or (C<sub>1</sub>-C<sub>4</sub>)alkoxy optionally substituted with

up to five fluoro; said phenyl, naphthyl, imidazolyl, pyridyl, triazolyl, benzimidazolyl, oxazolyl, isoxazolyl, thiazolyl, oxadiazolyl, thiadiazolyl, tetrazolyl, thienyl, benzothiazolyl, pyrrolyl, pyrazolyl, quinolyl, isoquinolyl, benzoxazolyl, pyridazinyl, pyridyloxy, pyridylsulfonyl, furanyl, phenoxy, thiophenoxy, in the definition of  $R^{14}$ ,  $R^{15}$ ,  $R^{16}$  and  $R^{17}$  are optionally substituted with up to three substituents independently selected from hydroxy, halo, hydroxy-( $C_1$ - $C_4$ )alkyl, ( $C_1$ - $C_4$ )alkoxy-( $C_1$ - $C_4$ )alkyl, ( $C_1$ - $C_4$ )alkyl optionally substituted with up to five fluoro and ( $C_1$ - $C_4$ )alkoxy optionally substituted with up to five fluoro; said imidazolyl, oxazolyl, isoxazolyl, thiazolyl and pyrazolyl in the definition of  $R^{14}$ ,  $R^{15}$ ,  $R^{16}$  and  $R^{17}$  are optionally substituted with up to two substituents independently selected from hydroxy, halo, hydroxy-( $C_1$ - $C_4$ )alkyl, ( $C_1$ - $C_4$ )alkoxy-( $C_1$ - $C_4$ )alkyl, ( $C_1$ - $C_4$ )alkyl optionally substituted with up to five fluoro and ( $C_1$ - $C_4$ )alkoxy optionally substituted with up to three fluoro; and  $R^{18}$  and  $R^{19}$  are each independently hydrogen or ( $C_1$ - $C_4$ )alkyl;

X and Y together are  $CH_2-CH(OH)-Ar$  or  $CH_2-C(O)-Ar$ , or

X is a covalent bond,  $NR^{20}$  or  $CHR^{21}$ , wherein,  $R^{20}$  is ( $C_1$ - $C_3$ )alkyl or a phenyl that is optionally substituted with one or more substituents selected from OH, F, Cl, Br, I, CN,  $CF_3$ , ( $C_1$ - $C_6$ )alkyl, O-( $C_1$ - $C_6$ )alkyl,  $S(O)_n$ -( $C_1$ - $C_6$ )alkyl and  $SO_2-NR^{22}R^{23}$ , and  $R^{21}$  is hydrogen or methyl, and

Y is a phenyl or naphthyl ring optionally substituted with one or more substituents selected from Ar, OH, F, Cl, Br, I, CN,  $CF_3$ , ( $C_1$ - $C_6$ )alkyl, O-( $C_1$ - $C_6$ )alkyl,  $S(O)_n$ -( $C_1$ - $C_6$ )alkyl and  $SO_2-NR^{22}R^{23}$ ;

Ar is a phenyl or naphthyl ring optionally substituted with one or more substituents selected from F, Cl, Br, I, CN,  $CF_3$ , ( $C_1$ - $C_6$ )alkyl, O-( $C_1$ - $C_6$ )alkyl,  $S(O)_n$ -( $C_1$ - $C_6$ )alkyl and  $SO_2-NR^{22}R^{23}$ ;

n is independently for each occurrence 0, 1 or 2;

$R^{22}$  is independently for each occurrence H, ( $C_1$ - $C_6$ )alkyl, phenyl or naphthyl; and

$R^{23}$  is independently for each occurrence ( $C_1$ - $C_6$ )alkyl, phenyl or naphthyl,

provided that when  $R^3$  is  $NR^6R^7$ , then A is  $SO_2$ ,

and a second compound that is a cyclooxygenase-2 inhibitor, a prodrug of said second compound or a pharmaceutically acceptable salt of said second compound or said prodrug.

21(original). A therapeutic method of claim 20 wherein said first compound is a compound of formula I, wherein A is  $SO_2$ ;  $R^1$  and  $R^2$  are each hydrogen;  $R^3$  is  $Het^1$ , wherein  $Het^1$  is 5H-furo-[3,2c]pyridin-4-one-2-yl, furano[2,3b]pyridin-2-yl, thieno[2,3b]pyridin-2-yl, indol-2-yl, indol-3-yl, benzofuran-2-yl, benzothien-2-yl,



imidazo[1,2a]pyridin-3-yl, pyrrol-1-yl, imidazol-1-yl, indazol-1-yl, tetrahydroquinol-1-yl or tetrahydroindol-1-yl, wherein said Het<sup>1</sup> is optionally independently substituted with up to a total of two substituents each independently selected from fluoro, chloro, bromo, (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>1</sub>-C<sub>6</sub>)alkoxy, trifluoromethyl, hydroxy, benzyl or phenyl; said benzyl and phenyl are each optionally independently substituted with up to three halo, (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>1</sub>-C<sub>6</sub>)alkoxy, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfenyl, trifluoromethyl or hydroxy, or a prodrug thereof or a pharmaceutically acceptable salt of said compound or prodrug.

22(original). A therapeutic method of claim 21 wherein Het<sup>1</sup> is indol-2-yl, benzofuran-2-yl, benzothiophen-2-yl, furano[2,3b]pyridin-2-yl, thieno[2,3b]pyridin-2-yl or imidazo[1,2a]pyridin-4-yl, wherein said Het<sup>1</sup> is optionally independently substituted with up to a total of two substituents independently selected from fluoro, chloro, bromo, (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>1</sub>-C<sub>6</sub>)alkoxy, trifluoromethyl and phenyl; said phenyl being optionally substituted with up to two substituents independently selected from fluoro, chloro and (C<sub>1</sub>-C<sub>6</sub>)alkyl.

23(original). A therapeutic method of claim 20 wherein said first compound is selected from: 6-(3-trifluoromethyl-benzenesulfonyl)-2H-pyridazin-3-one;

6-(4-bromo-2-fluoro-benzenesulfonyl)-2H-pyridazin-3-one;

6-(4-trifluoromethyl-benzenesulfonyl)-2H-pyridazin-3-one;

6-(2-bromo-benzenesulfonyl)-2H-pyridazin-3-one;

6-(3,4-dichloro-benzenesulfonyl)-2H-pyridazin-3-one;

6-(4-methoxy-benzenesulfonyl)-2H-pyridazin-3-one;

6-(3-bromo-benzenesulfonyl)-2H-pyridazin-3-one;

6-(biphenyl-4-sulfonyl)-2H-pyridazin-3-one;

6-(4'-fluoro-biphenyl-4-sulfonyl)-2H-pyridazin-3-one;

6-(4'-trifluoromethyl-biphenyl-4-sulfonyl)-2H-pyridazin-3-one;

6-(3',5'-bis-trifluoromethyl-biphenyl-4-sulfonyl)-2H-pyridazin-3-one;

6-(biphenyl-2-sulfonyl)-2H-pyridazin-3-one;

6-(4'-trifluoromethyl-biphenyl-2-sulfonyl)-2H-pyridazin-3-one;

6-(2-hydroxy-benzenesulfonyl)-2H-pyridazin-3-one;

6-(2-chloro-benzenesulfonyl)-2H-pyridazin-3-one;

6-(3-chloro-benzenesulfonyl)-2H-pyridazin-3-one;

6-(2,3-dichloro-benzenesulfonyl)-2H-pyridazin-3-one;

6-(2,5-dichloro-benzenesulfonyl)-2H-pyridazin-3-one;

6-(4-fluoro-benzenesulfonyl)-2H-pyridazin-3-one;

6-(4-chloro-benzenesulfonyl)-2H-pyridazin-3-one;

6-(2-fluoro-benzenesulfonyl)-2H-pyridazin-3-one;  
6-(2,3-difluoro-benzenesulfonyl)-2H-pyridazin-3-one;  
6-(2,4-dichloro-benzenesulfonyl)-2H-pyridazin-3-one;  
6-(2,4-difluoro-benzenesulfonyl)-2H-pyridazin-3-one;  
6-(2,6-dichloro-benzenesulfonyl)-2H-pyridazin-3-one;  
6-(2-chloro-4-fluoro-benzenesulfonyl)-2H-pyridazin-3-one;  
6-(2-bromo-4-fluoro-benzenesulfonyl)-2H-pyridazin-3-one; and  
6-(naphthalene-1-sulfonyl)-2H-pyridazin-3-one,

or a prodrug thereof or a pharmaceutically acceptable salt of said compound or said prodrug.

24(original). A therapeutic method of claim 20 wherein said second compound is selected from celecoxib, rofecoxib and etoricoxib or a prodrug thereof or a pharmaceutically acceptable salt of said compound or said prodrug.

25(original). A therapeutic method of claim 20 wherein said first compound is administered in an aldose reductase inhibiting amount.

26(original). A therapeutic method of claim 20 wherein said second compound is administered in a cyclooxygenase-2 inhibiting amount.

27(original). A therapeutic method of claim 25 wherein said second compound is administered in a cyclooxygenase-2 inhibiting amount.

28(original). A therapeutic method of claim 20 wherein said mammal is a human.